

Amendments To The Claims:

Claim 1 (canceled).

Claim 2 (canceled).

Claim 3 (canceled).

Claim 4 (currently amended). A polymer blend, as defined in Claim 1, further comprising a fourth polymer having a melting point between 80 to 105°C.

A polymer blend of at least four polymers comprising:

at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin, said copolymer having a melt index of up to 1.0 dg/min according to ASTM D-1238 at 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;

at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin;

at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a thermoplastic polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and

a fourth polymer having a melting point between 80 to 105°C.

Claim 5 (currently amended). A polymer blend, as defined in Claim 4, further comprising a wherein said fourth polymer having has a melting point between 90 to 100°C.

Claim 6 (original). A polymer blend, as defined in Claim 4, wherein said fourth polymer comprises a copolymer of ethylene and a vinyl ester or alkyl acrylate.

Claim 7 (currently amended). ~~A polymer blend, as defined in Claim 1, wherein said first polymer and said second polymer comprises an interpolymer:~~

~~A polymer blend of at least three polymers comprising:~~

~~at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin said copolymer having a melt index of up to 1.0 dg/min according to ASTM D-1238 at 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;~~

~~at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin;~~

~~at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a thermoplastic polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and~~

~~wherein said first polymer and said second polymer comprises an interpolymer.~~

Claim 8 (currently amended). ~~A polymer blend, as defined in Claim 1, wherein said first polymer and said third polymer comprises an interpolymer:~~

~~A polymer blend of at least three polymers comprising:~~

~~at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin said copolymer having a melt index of up to 1.0 dg/min according to ASTM D-1238 at 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;~~

~~at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin;~~

at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a thermoplastic polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and
wherein said first polymer and said third polymer comprises an interpolymer.

Claim 9 (currently amended). ~~A polymer blend, as defined in Claim 1, wherein said second polymer and said third polymer comprises an interpolymer:~~

A polymer blend of at least three polymers comprising:
at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin said copolymer having a melt index of up to 1.0 dg/min according to ASTM D-1238 at 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;

at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin;

at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a thermoplastic polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and

wherein said second polymer and said third polymer comprises an interpolymer.

Claim 10 (currently amended). A polymer blend, as defined in Claim 4, wherein an interpolymer comprises at least two of said first, second and third polymers.

Claim 11 (canceled).

Claim 12 (canceled).

Claim 13 (canceled).

Claim 14 (canceled).

Claim 15 (currently amended). ~~A film, as defined in Claim 12, further comprising a fourth polymer having a melting point between 80 to 105°C.~~

~~A flexible film having at least one layer comprising a blend of at least four polymers comprising:~~

~~at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin having a melt index of up to 1.0 dg/min according to ASTM D-1238 and 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;~~

~~at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin; and~~

~~at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and~~

~~a fourth polymer having a melting point between 80 to 105°C.~~

Claim 16 (currently amended). A film, as defined in Claim 12, ~~further comprising a 15,~~ wherein said fourth polymer having has a melting point between 90 to 100°C.

Claim 17 (original). A film, as defined in Claim 15, wherein said fourth polymer comprises a copolymer of ethylene and a vinyl ester or alkyl acrylate.

Claim 18 (canceled).

Claim 19 (canceled).

Claim 20 (canceled).

Claim 21 (canceled).

Claim 22 (currently amended). ~~A film, as defined in Claim 18, wherein said additional layer comprises a gas barrier layer having an oxygen transmission of less than 15 cc/100 in² for 24 hrs. at 1 atm.~~

~~A flexible film having at least one layer comprising a blend of at least three polymers comprising:~~

~~at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin having a melt index of up to 1.0 dg/min according to ASTM D-1238 and 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;~~

~~at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin; and~~

~~at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and~~

~~further comprising at least one other thermoplastic layer, wherein said additional layer comprises a gas barrier layer having an oxygen transmission of less than 15 cc/100 in² for 24 hrs. at 1 atm.~~

Claim 23 (canceled).

Claim 24 (canceled).

Claim 25 (canceled).

Claim 26 (canceled).

Claim 27 (canceled).

Claim 28 (currently amended). ~~A film, as defined in Claim 12, wherein said first polymer and said second polymer comprises an interpolymer.~~

~~A flexible film having at least one layer comprising a blend of at least three polymers comprising:~~

~~at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin having a melt index of up to 1.0 dg/min according to ASTM D-1238 and 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;~~

~~at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin; and~~

~~at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and~~

~~wherein said first polymer and said second polymer comprises an interpolymer.~~

Claim 29 (currently amended). ~~A film, as defined in Claim 12, wherein said first polymer and said third polymer comprises an interpolymer.~~

~~A flexible film having at least one layer comprising a blend of at least three polymers comprising:~~

~~at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin having a melt index of up to 1.0 dg/min according to ASTM D-1238 and 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;~~

at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin;
at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and
wherein said first polymer and said third polymer comprises an interpolymer.

Claim 30 (currently amended). A film, as defined in Claim ~~12~~ 4, wherein said second polymer and said third polymer comprises an interpolymer.

A flexible film having at least one layer comprising a blend of at least three polymers comprising:

at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin having a melt index of up to 1.0 dg/min according to ASTM D-1238 and 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;

at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin;
and

at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and

wherein said second polymer and said third polymer comprises an interpolymer.

Claim 31 (currently amended). A film, as defined in Claim 12, wherein an interpolymer comprises at least two of said first, second and third polymers.

A flexible film having at least one layer comprising a blend of at least three polymers comprising:

at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer selected from the group of a copolymer of ethylene and at least one α -olefin having a melt index of up to 1.0 dg/min according to ASTM D-1238 and 190°C, and a copolymer of ethylene and at least one C₆ to C₁₀ α -olefin;

at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin;
and

at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C consisting of a polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers, and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one α -olefin; and

wherein an interpolymer comprises at least two of said first, second and third polymers.

Claim 32 (previously presented). A biaxially stretched, heat shrinkable film comprising at least three layers, wherein said first layer is a heat sealable surface layer and consists essentially of a blend of at least four polymers comprising:

at least 10% by weight, based upon the weight of the blend, of a first polymer having a melting point between 55 to 75°C comprising a copolymer of ethylene and at least one α -olefin;

at least 10% by weight, based upon the weight of the blend, of a second polymer having a melting point between 85 to 110°C comprising a copolymer of ethylene and at least one α -olefin;
and

at least 10% by weight, based upon the weight of the blend, of a third polymer having a melting point between 115 to 130°C comprising a polymer selected from the group LDPE, HDPE, LLDPE and, a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one C₄-C₈ α -olefin; and a fourth polymer having a melting point between 80 to 105°C; a third layer comprising at least 50 percent by weight of copolymer of ethylene with at

least one alpha-olefin or at least one vinyl ester or blends thereof, and a second layer between said first and third layers; said second layer comprising a vinylidene chloride copolymer, a nylon or a copolymer of ethylene with a vinyl alcohol.

Claim 33 (original). A biaxially stretched, heat shrinkable film, as defined in Claim 32, wherein an interpolymer comprises at least two of said first, second and third polymers.

Claim 34 (canceled).

Claim 35 (previously presented). A biaxially stretched, heat shrinkable film comprising at least five layers wherein said first layer comprises a blend of at least three polymers comprising:

a first polymer having a melting point between 55 to 75°C, comprising a copolymer of ethylene and at least one α -olefin;

a second polymer having a melting point between 85 to 110°C, comprising a copolymer of ethylene and at least one α -olefin;

a third polymer having a melting point between 115 to 130°C, consisting of a thermoplastic polymer selected from the group LDPE, HDPE, LLDPE, propylene copolymers and a copolymer having a density of 0.900 to 0.915 g/cm³ consisting of ethylene and at least one C₄-C₈ α -olefin; and optionally a fourth polymer having a melting point between 80 to 105°C; a second layer comprising an ethylene copolymer; a fourth layer comprising an ethylene copolymer; a third layer between said second and fourth layers, said third layer comprising a vinylidene chloride copolymer, a nylon or a copolymer of ethylene with a vinyl alcohol; and a fifth layer comprising at least 50 percent by weight of copolymer of ethylene with at least one alphas-olefin or at least one vinyl ester or blends thereof.

Claim 36 (original). A biaxially stretched, heat shrinkable film, as defined in Claim 34, wherein an interpolymer comprises at least two of said first, second and third polymers.

Claim 37 (canceled).

Claim 38 (canceled).

Claim 39 (canceled).

Claim 40 (canceled).

Claim 41 (canceled).

Claim 42 (canceled).

Claim 43 (canceled).

Claim 44 (canceled).

Claim 45 (original). A biaxially stretched, heat shrinkable film, as defined in Claim 32, wherein said film has a total energy absorbency of at least 1.0 joules and a maximum puncture force P of at least 90 Newtons.